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1. (Amended) An optical cross-connect device, comprising:  
at least one shelf having a plurality of guide rails ;  
a switch motherboard disposed at a rear end of said shelf;  
at least one electric crosspoint switch disposed on an outer surface of said switch motherboard;  
a plurality of switch connectors positioned on a front surface of said switch motherboard; and,  
a plurality of optical transceiver boards mounted along said guide rails of said shelf, said optical transceiver having a transceiver connector for connecting to a different one of said switch connectors positioned on the front surface of said switch motherboard.

2. (Amended) The device according to claim 1, wherein said electric crosspoint switch is disposed at a front center portion of said switch motherboard, and wherein a multiple array of said switch connectors are disposed near said electric crosspoint switch.

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7. (Amended) An optical cross-connect device, comprising:  
at least one shelf having a plurality of guide rails running in parallel thereon;  
a switch motherboard disposed at a rear end of said shelf;  
at least one electric crosspoint switch disposed on an outer surface of said switch motherboard;

at least one array of switch connectors disposed on the outer surface of said switch motherboard; and,

a plurality of optical transceiver boards slidably mounted along said guide rails of said shelf to enable said optical transceiver board to be electrically coupled to one of the plurality of said switch connectors.

8. (Amended) The device according to claim 7, wherein said electric crosspoint switch is disposed at a front center portion of said switch motherboard.

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#### **REMARKS**

Claims 1-12 remain pending in this application. Claims 1 and 7 are the independent claims. Claims 1, 2, 7 and 8 have been amended. Favorable reconsideration is respectfully requested.

In the Office Action, Claims 1-12 were rejected under 35 U.S.C. 112, second paragraph, as being indefinite. As shown above, Applicant has amended the claims to attend to the points raised in the Office Action.

Claims 1-12 were rejected under 35 U.S.C. 103 as being unpatentable over U.S. Patents 5,625,780 (Hsieh et al.), 6,021,234 (Van Deventer) and 6,144,561 (Cannella et al.).